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Release 3.1A John F. Collins, Blocomputing Research Unit. Copyright (c) 1993-1998 University of Edinburgh, U.K. Distribution rights by Oxford Molecular Ltd

MPsrch_pp protein - protein database search, using Smith-Waterman algorithm

Maspar time 4.40 Seconds

Med Aug 16 09:46:59 2000; MasPar time 4.40 Seconds 352.038 Million cell updates/sec

Tabular output not generated.

Title: >US-09-427-873-2
Description: /1-101) from ISO8427873 nen

Title: >US-09-427-873-2
Description: (1-101) from US09427873.pep
Perfect Score: 683
Sequence: 1 LGKFSQTCYNSAIQGSVLTS.....STKINLDDHIANIDGTLKYE 101

Scoring table: PAM 150 Gap 11

Searched: 152433 seqs, 15329240 residues

Post-processing: Minimum Match 0% Listing first 45 summaries

Database: a-issued 1:5A_COMB 2:5B_COMB 3:6_COMB 4:PCT_COMB 5:backfiles1 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Mean 26.165; Variance 107.692; scale 0.243

Statistics:

SUMMARIES

	Pred. No.	4.70e-58	6.16e+00	2.66e+01	3.18e+01	3.18e+01	3.18e+01																		
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	Description	Sequence	-Sequence	Sequence																					
	a	-696-80-SD	-026-80-SD	US-08-638-	-696-80-SD	-696-80-sn	US-08-429-	us-08-969-	ns-08-970-	US-08-638-	-696-80-sn	-696-80-SD	-63-08-456-	US-08-834-	US-08-753-	US-08-984-	US-09-149-	US-09-149-	US-08-984-	US-08-753-	US-09-045-	US-08-553-	PCT-US94-0	US-08-074-	
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1, Application 16, Application 26, Application 547299 5226642 5472939 526642 5472939 526642 5472939 526642 5472939 526642 54 Application 7, Application 5, Application 5, Application 5, Application 5, Application 7, Application 5, Application 7, Application 7, Application 7, Application 7, Application 7, Application 7, Application 5, Application 7, Application 5, Application 7, Application 7, Application 5, Application 7, Application 5, Application 7, A					AND USES, DNA USES
Sequence 8 Sequence 8 Sequence 8 Sequence 10 Sequence		101 AA.			OTEINS AND INCES THEREIS Suite 4900 o, Version 378
US-08-792- PCT-US93-0 PCT-US93-0 5472939-0 5472939-10 5256642-5 5256642-5 5256642-5 5256642-10 5472939-10 5472939-10 5256642-2 US-08-131- US-08-668- US-08-557- US-08-557- US-08-557- US-08-020- US-08	ALIGNMENTS	D; PRT;	cation US/08969378		Sequence 2, Application US/08969378 Patent No. 6018476 GENERAL INFORMATION: APPLICANT: GUSTAFSON APPLICANT: GUSTAFSON APPLICANT: GUSTAFSON ITILE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTITLE OF INVENTION: CODING SEQUENCES THEREFOR, NUMBER OF SEQUENCES: 4 CORRESPONDENCE ADDRESS: 4 CORRESPONDENCE ADDRESS: 4 CORRESPONDENCE ADDRESS: 6 MAYER, LLG STREET: Two Prudential Plaza, Suite 4900 CITY: Chicago STATE: IL COUNTRY: U.S.A. ZIP: 60601-6780 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk TILING DATE: FLING DATE: FRIEFROMINICATION NUMBER: 35243 REGISTRATION NUMBER: 35243 REGISTRATION NUMBER: 3123616-5500 TELEPHONE: (312)616-5500 INFORMATION FORM: LATCHER FORM: TELEPHONE: (312)616-5500 INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARRACTERISTICS:
W444VNVNVNVNVHHV4HHWHWV		STANDARD	us/	200	Ificha, Ificha, Ificha, Ificha, Jan, Jan, Jan, Jan, Jan, Jan, Jan, Ja
463 1454 1454 1456 1456 11537 1537 1039 2039 2039 2039 1141 1141 1141 1188 1188 128 128 138 138 138 138 138 138 138 138 138 13		STA	cation	rca c ro.	11catico 376 376 3976 3976 3976 3976 3976 3976 3976 10 578 3976 39776 3976 3976 3976 3976 3976 3976 3976 3976 3976 3976 3
11111111111111111111111111111111111111		-378-2	2, Applic	z, APPL.	Sequence 2, Application of Patent No. 6015876 GENERAL INFORMATION: APPLICANT: BOYD, MICHAPLICANT: BOYD, MICHAPLICANT: BOYD, MICHAPLICANT: BOYD, MICHAPLICANT: BOYD, MICHAPLICANT: BOYD, MICHAPLICANT: MCMAHON; TITLE OF INVENTION: TO STATE: IL COUNTRY: U.S.A. ZIPE: IL COUNTRY: U.S.A. ZIPE: 1L COUNTRY: U.S.A. ZIPE: 60601-6780 COMPUTER: EADABLE FORM MEDIUM TYPE: Floppy COMPUTER: IBM PC COUNTRY: U.S.A. ZIPE: 60601-6780 COMPUTER: IBM PC COUNTRY: U.S.A. ZIPE: 60601-6780 COMPUTER: BOYDE: COUNTRY: U.S.A. ZIPE: 60601-6780 COMPUTER: BOYDE: COUNTRY: U.S.A. ZIPE: FLORGATION NUMBER: FILING DATE: FLORGATION NUMBER: FILING DATE: LATCHET, CANGER: REGISTRATION NUMBER: RESERRENCE-CACKER NUM
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APPLICANT: Boyd, Michael R.
APPLICANT: Boyd, Michael R.
APPLICANT: Gloetafson, Klrk R.
APPLICANT: Gloemaker, Robert H.
APPLICANT: McMahon, James B.
TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
NUMBER OF SEQUENCES:
                                                                                               1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
                                                                      Gaps
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                                                     Length 101;
                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: 1. U.S.A.
2IP: 60601-6780
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,179A
FILING DATE:
                                                                                                                          61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
                                                                                                                                  101 AA
                                                   Score 683; DB 3; 1
Pred. No. 4.70e-58;
0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Leydig, Voit & Mayer, Ltd.
STREET: Two Prudential Plaza, Suite 4900
CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION
PRIOR APPLICATION NUMBER: 08/638,610
FILING DATE: 26-APR-1996
APPLICATION NUMBER: US 08/429965
FILING DATE: 27-APR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                             PRT;
                TOPOLOGY: linear
MOLECULE TYPE: protein
FENCE 101 AA; 11013 MW; 49325 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
JENCE 101 AA; 11013 MW; 49325 CN;
                                                                                                                                                                                                                                                Sequence 2, Application US/08970179A
Patent No. 5962668
                                                                                                                                                                                                                               Sequence 2, Application US/08970179A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 30763
REGISTRATION NUMBER: 30763
REFERENCE/POCKET NUMBER: 61
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (312)616-5700
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       : 101 amino acids
amino acid
101 amino acids
                                                                                                                                                                             STANDARD;
                                                    Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 101; Conservative
           amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
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US-08-970-179A-2
CENGTH:
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                                   SEQUENCE
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Sequence 2, Application US/08638610

Sequence 2, Application US/08638610

GENERAL INFORMATION:
APPLICANT: Boyd, Michael R.
APPLICANT: Gustafson, Kirk R.
APPLICANT: McMahon, James B.
TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF NUMBER OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leydig, Voit & Mayer, Ltd.
STREET: The OP Prudential Plaza, Suite 4900
CITY: Chicago
STATE: IL
COUNTY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                                                                        1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
                                                                                                               1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
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Length 101;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.

ZIP: 60601-6780

COMPUTER READABLE FORM:

MEDIUM TYPE: FIDPPY disk

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATCHIN RC-BOS/MS-DOS

SOFTWARE: PATCHIN RC-BOS/MS-DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/638,610

FILING DATE: 26-APR-1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/429965

FILING DATE: 27-APR-1995

CLASSIFICATION: 435
Score 683; DB 2; Length 101
Pred. No. 4.70e-58;
0; Mismatches 0; Indels
                                                                                                                                                                       / Match 100.0%; Score 683; DB 2; Le Local Similarity 100.0%; Pred. No. 4.70e-58; nes 101; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                101
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MOLECULE TYPE: protein
FENCE 101 AA; 11013 MW; 49325 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Kilyk, John Jr.
REGISTRATION NUMBER: 30763
REFERENCE/DOCKET NUMBER: 611
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEO ID NO: 2: SEQUENCE CHARACTERISTICS:
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Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 101; Conservative
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1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
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                                                                                                                                                                                          APPLICANT: BOYd, Michael R.
APPLICANT: Gustafson, Kirk R.
APPLICANT: Shoemaker, Robert H.
APPLICANT: Machanon, James B.
TITLE OF INVENTION: ANTIVIRAL PROTEINS, DNA CODING
TITLE OF INVENTION: SEQUENCES THEREFOR, AND USES THEREOF
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: 1D.
COUNTRY: 1D.
COUNTRY: 1D.
ZIP: 60601-6780
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/969,249A
FILING DATE: 12-No. 5998587-1997
CLASSIFICATION NUMBER: US/08/638610
FRICK APPLICATION BATA:
APPLICATION NUMBER: 33,243
REFERENCE/DOCKET NUMBER: 35,243
REFERENCE/DOCKET NUMBER: 35,243
REFERENCE/DOCKET NUMBER: 75825
TELEPHONE: (312)616-5600
INFORMATION FOR SEQ ID NO: 2:
CENTERLION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Leydig, Voit & Mayer, Ltd.
STREET: Two Prudential Plaza, Suite 4900
CITY: Chicago
STATE: IL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 683; DB 2; Pred. No. 4.70e-58;
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                             PRT;
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SEQUENCE 101 AA; 11013 MW; 49325 CN;
                                                                                                                                              Sequence 2, Application US/08969249A Patent No. 5998587 GENERAL INFORMATION:
                                                                                                                     Sequence 2, Application US/08969249A
                                STANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 101 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 101; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
                             US-08-969-249A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Boyd, Michael R.
APPLICANT: Boyd, Michael R.
APPLICANT: Gostafson, Kirk R.
APPLICANT: Ghoemaker, Robert H.
APPLICANT: McMahon, James B.
TITLE OF INVENTION: AND PEPTIDES, DNA
TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leydig, Voit & Mayer, Ltd.
STREET: Chicago
1 IGERSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 LGKFSQTCYNSAlQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUPTER REABABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/969,584
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         101 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 683; DB 2;
Pred. No. 4.70e-58;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                   PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: protein
JENCE 101 AA; 11013 MW; 49325 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/429,965
FILING DATE: 27-APR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        61037
                                                                                                                                                                                                                                                      Sequence 2, Application US/08969584 Patent No. 5962653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Larcher, Carol
REGISTRATION NUMBER: 35243
REFERENCE/DOCKET NUMBER: 6103
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5500
TELEFAX: (312)616-5700
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 101 annino acids
TYPE: amino acid
                                                                                                                                                                                                                         Sequence 2, Application US/08969584
                                                                                                                                   STANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0%;
Matches 101; Conservative
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                                                                                                                 RESULT 4
ID US-08-969-584-2
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Gaps

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SEQUENCE

61 61

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Length 101; 0; Indels

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Sequence 4, Application US/08970179A
Patent No. 596568
GENERAL INFORMATION:
APPLICANT: Boyd, Michael R.
APPLICANT: Gustafson, Kirk R.
APPLICANT: Shoemaker, Robert H.
APPLICANT: McMahon, James B.
TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
TITLE OF INVENTION: CODING SEQUENCES THEREFOR, NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leydig, Voit & Mayer, Ltd.
STREET: Two Prudential Plaza, Suite 4900
CITY: Chicago
    ANTIVIRAL PROTEINS AND PEPTIDES, DNA CODING SEQUENCES THEREFOR, AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   9 LGKFSQTCYNSAIQGSVLTSTCERINGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 109;
                                                                                                                                                             STATE: IL.
COUNTRY: U.S.A.
ZIP: 60601-6780
COMPUTER: ELOPPY disk
COMPUTER: IBM PC COMPATION
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/969,378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 683; DB 3; Length 109
Pred. No. 4.70e-58;
0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              109 AA
TITLE OF INVENTION: ANTIVIRAL PROTEINS AND TITLE OF INVENTION: CODING SEQUENCES THEREI MUMBER OF SEQUENCES: 4 CORRESPONDENCE ADDRESS: ADDRESSE: Leydig, Voit & Mayer, Ltd. STREET: Two Prudential Plaza, Suite 4900 CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: protein
TENCE 109 AA; 12008 MW; 57699 CN;
                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
APPLICATION NUMBER: 08/429,965
FILING DATE: 27-APR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MAME: Larcher, Carol REGISTRATION NUMBER: 35243
REFERENCE/DOCKET NUMBER: 610.
TELEPHONE: (312)616-5600
NFORMATICA: (312)616-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/08970179A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (312)616-5600
TELEFAX: (312)616-5700
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 109 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 101; Conservative
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AC XXXXXX
AC XXXXXX
DT XX
DE Sequence 4, Applica
XX
CC Sequence 4, Applica
XC Sequence 4, Applica
CC CENERAL INFORMAT
CC CENERAL OF INVEN
CC APPLICANT: Sh
CC APPLICANT: Sh
CC APPLICANT: Sh
CC APPLICANT: CU
CC CORRESSPONDENCE
CC CORRES
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                                                                Sequence 2, Application US/08429965
Patent No. 5843802
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Boyd, Michael R.
APPLICANT: Shoemaker, Robert H.
APPLICANT: MoMahon, James B.
TITLE OF INVENTION: ANTIVIRAL PROMEINS AND PEPTIDES, DNA
TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKMQPSNFIETCRN 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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Pred. No. 4.70e-58;
0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.

ZIP: G0601-6780

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC COMPATIBLE
OFFRAING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: PAtentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,965
FILING DATE: 27-APR-1995
CLASSIFICATION: 514
ATORNEY/AGENT INFORMATION:
NAME: Larcher, Carol
REGISTRATION NUMBER: 35243
REGISTRATION NUMBER: 35243
REGISTRATION NUMBER: 35243
TELEPHONE: (312)616-5700
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 101 mainto acids
TYPE: aminto acids
TYPE: aminto acids
TYPE: Aminto acids
TYPE: Allocation
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STREET: Two Prudential Plaza, Suite 4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              109
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
SEQUENCE 101 AA; 11013 MW; 49325 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4, Application US/08969378
Patent No. 6015876
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Gustafson, Kirk R.
APPLICANT: Shoemaker, Robert H.
ARPLICANT: MONAHON, James B.
                        Sequence 2, Application US/08429965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/08969378
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it Local Similarity 100.0%;
ches 101; Conservative
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                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-969-378-4
                                                                                                                                                                                                                                                                                                                                                                                                          STATE:
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US-09-427-873-2.rai

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Sequence 4, Application US/08969584
Patent No. 5962633
GENERAL INFORMATION:
APPLICANT: BOY, Michael R.
APPLICANT: Shoemakev. Robert H.
APPLICANT: McMahon, James B.
TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
TITLE OF INVENTION: CODING SEQUENCES THEREOF
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                        9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
                                                                                                                                                                                                                                                                                                                             Score 683; DB 2; Length 109;
Pred. No. 4.70e-58;
......+rhes 0; Indels
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/638,610
FILING DATE: 26-APR-1996
CLASSIFICATION NATA:
APPLICATION NUMBER: US 08/429965
FILING APPLICATION NUMBER: US 08/429965
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OFFICATION SYSTEM: PC-DOS/NS-DOS SOFTWARE: PC-DOS/NS-DOS CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/969,584 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                               69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                         61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Leydig, Voit & Mayer, Ltd.
STREET: Two Prudential Plaza, Suite 4900
CITY: Chicago
STATE: IL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        109 AA
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JENCE 109 AA; 12008 MW; 57699 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A.
ZIP: 60601-6780
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPAILble
OPERATING SYSTEM: PC-DOS/MS-DK
SOFTWARE: PatentIn Release #1.
                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 6110
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5600
TELERAX: (312)616-5700
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 109 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application US/08969584
                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Kilyk, John Jr.
REGISTRATION NUMBER: 30763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STANDARD;
                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.0%;
Matches 101; Conservative
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                                                                                                                                                                                                                                                                                                                 SEQUENCE
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Patent No. 5821081
GENERAL INFORMATION:
APPLICANT: Boyd, Michael R.
APPLICANT: Shoemaker, Robert H.
APPLICANT: Shoemaker, Robert H.
APPLICANT: MoMahon, James B.
TILLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
TILLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
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                                                                                                                                                                                                                                                                                                                                                                                                                     Length 109;
                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,179A FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 683; DB 2; Lei
Pred. No. 4.70e-58;
0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Leydig, Voit & Mayer, Ltd.
STREET: Two Prudential Plaza, Suite 4900
CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   109
                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/638,610
FILING DATE: 27-APR-1995
ATTONEY AGENT INFORMATION:
NAME: KILYK, JOHN JT.
REGISTRATION NUMBER: 30763
REFERENCE/DOCKET NUMBER: 61109
TELECOMMUNICATION:
TELEPHONE: (312)616-5600
STATE: IL
COUNTRY: U.S.A.
ZIP: 60601-6780
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
OPERATING SYSTEM: PC-DOS/NS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRT;
                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: protein
FENCE 109 AA; 12008 MW; 57699 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4, Application US/08638610
                                                                                                                                                                                                                                                                                                 TELEFAX: (312)616-5700
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
ZIP: 60601-6780
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                         : 109 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 101; Conservative
                                                                                                                                                                                                                                                                                                                                                                    linear
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COUNTRY: U
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                                                                                                                                                                                                                                                                                                                                          LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE
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Sequence 4, Application US/08429965
Patent No. 5843882
GENERAL INFORMATION:
APPLICANT: Boyd, Michael R.
APPLICANT: Gustafson, Kirk R.
APPLICANT: MoMahon, James B.
TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF NUMBER OF SEQUENCES. 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leydig, Voit & Mayer, Ltd.
STREET: Two Prudential Plaza, Suite 4900
CITY: Chicago
STATE: IL
COUNTRY: U.S.A.
2IP: 60601-6780
MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Datentin Release #1.0, Version #1.25
CURRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
FILING DATE: 27-APR-1995
CILING DATE: APR-1995
CILING DATE: APR-1995
CILING DATE: APR-1095
                                                                                                                                                                                                                                                       1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
                                                                                                                                                                                                                                       9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
                                                                                                                                                                              Length 109;
                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                               69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
                                                                                                                                                                                                                                                                                                              61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
                                                                                                                                                                           Query Match 100.0%; Score 683; DB 2; 1
Best Local Similarity 100.0%; Pred. No. 4.70e-58;
Matches 101; Conservative 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                        109
                                                                                                                                                                                                                                                                                                                                                                                          PRT;
                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE 109 AA; 12008 MW; 57699 CN;
REFERENCE/DOCKET NUMBER: 75825
          TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5600
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 109 antho acids
TYPE: antho acids
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY AGENT INPORMATION:
NAME: Larcher, Carol
REGISTRATION UNDRER: 35243
REFERENCE/DOCKET NUMBER: 6103
TELECOMMUNICATION INFORMATION:
TELEFAX: (312)616-5600
TELEFAX: (312)616-5700
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 109 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4, Application US/08429965
                                                                                                                                                                                                                                                                                                                                                                                          STANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                          US-08-429-965-4
                                                                                                                                                                                                                                                                                                                                                                                                                       XXXXXX
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                                                                                                                                                                                                                                                                                                                                                                         1 LGKFSQTCYNSAIQGSVLTSTCERINGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
                                                                                                                                                                                                                                                                                                                0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Boyd, Michael R.
APPLICANT: Boyd, Michael R.
APPLICANT: Shoemaker, Robert H.
APPLICANT: Shoemaker, Robert H.
APPLICANT: McMahon, James B.
TITLE OF INVENTION: ANTIVIRAL PROTEINS, DNA CODING
TITLE OF INVENTION: SEQUENCES THEREFOR, AND USES THEREOF
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leydig, Voit & Mayer, Ltd.
STREET: Two Prudential Plaza, Suite 4900
CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: 11.

CUMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/969,249A
FILING DATE: 12-NO. 5996587-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 68/638610
FILING DATE: 26-APT11-1996
ATTORNEY/AGENT INFORMATION:
NAME: Carol Larcher
REGISTRATION NUMBER: 35,243
                                                                                                                                                                                                                                                                                 Match 100.0%; Score 683; DB 2; Length 109; Local Similarity 100.0%; Pred. No. 4.70e-58; Matches 101; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                    Length 109;
                                                                                                                                                                                                                                                                                                                                                                                                   109
       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/429,965
FILING DATE: 27-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: LAICHEY, CATOI
REGISTRATION NUMBER: 35243
REFERENCE/POCKET NUMBER: 61037
TELEPHONE: (312)616-5600
TELEPHONE: (312)616-5600
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 109 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE INFO: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4, Application US/08969249A
Patent No. 5998587
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4, Application US/08969249A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STANDARD;
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US-08-969-249A-4
                                                                                                                                                                                                                                                    SEQUENCE
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Pred. No. 2.66e+01;
26; Mismatches 30; Indels
                                                                                                                                          Sequence 2, Application US/08753233
Patent No. 5728568
GENERAL INFORMATION:
APPLICANT: Sullivan, Francis
APPLICANT: Kriz, Ron
APPLICANT: Kriz, Ron
APPLICANT: Kumar, Ravindra
TITLE OF INVENTION: Human GDP-Mannose Hydratase
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/753,233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              354 AA
               354 AA
                                                                                                                                                                                                                                                                                                 E: Genetics Institute, Inc.
87 CambridgePark Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: protein
JENCE 354 AA; 40198 MW; 654553 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: G15285
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-824
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRT;
               PRT;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/08984246
                                                                                                                Sequence 2, Application US/08753233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        354 amino acids
                 STANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STANDARD;
                                                                                                                                                                                                                                                                                                                                  CITY: Cambridge
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 11.7%;
Best Local Similarity 21.1%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           96 VKISFDLAEYTADVDG 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ::| : |::||
81 VSTKINLDDHIANIDG 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 02140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
 RESULT 14
ID US-08-753-233-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-984-246-2
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                                                    XXXXXX
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                    PREVENTION
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Patent No. 6054135
GENERAL INFORMATION
APPLICANT: Reed.Steven G.
APPLICANT: Reed.Steven G.
APPLICANT: Lodes, Michael J.
APPLICANT: Lodes, Michael J.
APPLICANT: Houghton, Raymond L.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
TABRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                  1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
                                                                                                 9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
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COUNTR: WESHILLY CO...

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,306
FILING DATE: 15-APR-1997
CLASSIFICATION: 424
ATTOREY/AGENT INFORMATION:
NAME: MAKI, DAVIG J.
REGISTRATION NUMBER: 31,392
REFRENCE/DOCKET NUMBER: 31,392
REGISTRATION NUMBER: 31,392
REGISTRATION NUMBER: 210121.42C1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (206) 622-4900
TELEFAX: (206) 622-6031
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE GRARACTERISTICS:
FUGURE AND ACTUAL ADDRESSION OF SECOND NO: 65:
                             Score 683; DB 2; Length 109;
Pred. No. 4.70e-58;
0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 88; DB 3; Length 618;
Pred. No. 6.16e+00;
14; Mismatches 18; Indels
                                                                                                                                                                 69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
                                                                                                                                                                                    61 TQLAGSSELAAECKTRAQOFVSTKINLDDHIANIDGTLKYE 101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
CE 618 AA; 66677 MW; 2087261 CN;
                                                                                                                                                                                                                                                                  PRT;
109 AA; 12008 MW; 57699 CN;
                                                                                                                                                                                                                                                                                                                                                                   Sequence 65, Application US/08834306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 618 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                  STANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 12.9%;
Best Local Similarity 30.0%;
Matches 15; Conservative
                             Ouery Match
Best Local Similarity 100.0%;
Matches 101; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS
                                                                                                                                                                                                                                                   JT - 13
US-08-834-306-65
SEQUENCE
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Query Match 11.7%; Score 80; DB 2; Length 354; Best Local Similarity 21.1%; Pred. No. 2.66e+01; Matches 16; Conservative 26; Mismatches 30; Indels
                                                                                                                                                                                    COMPUTER READABLE FORM:

MEDIUM TYPE: Filepy disk

MEDIUM TYPE: MED COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOGTWARE: PRECENT Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/984,246

FILING DATE:

APPLICATION NUMBER: US/08/753,233

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAMM: BADAT:

NAMM: BADAT:

ATTORNEY/AGENT NUMBER: G15285

TELEPHONE: (617) 498-8224

TELEPHONE: SAG AMINO ACIGS

TYPE: AMINO ACIGS

TYPE: AMINO ACIGS

TYPE: AMINO ACIGS

TYPE: AMINO ACIG
          APPLICANT: Sullivan, Francis
APPLICANT: Sullivan, Francis
APPLICANT: Kriz, Ron
APPLICANT: Kriz, Ron
APPLICANT: Kumar, Ravindra
TITLE OF INVENTION: Human GDP-Mannose Hydratase
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein
SEQUENCE 354 AA; 40198 MW; 654553 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
TOPOLOGY: linear
GENERAL INFORMATION:
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Search completed: Wed Aug 16 $09:47:08\ 2000$ Job time : 9 secs.

37 RRSSSFNTGRIEHLYKNPQAHIEGNMKLHYGDLTDSTCL-VKIINEVKPTEIYNLGAQSH 95

96 VKISFDLAEYTADVDG 111 | ::|: |::|| 81 VSTKINLDDHIANIDG 96

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4; Gaps